

RACOVEANU, N.

5

Determination of sulfur dioxide in air by polarography. E. Zvină-Selegan, L. Cărbădă, and N. Racoveanu. *Rev. chim.* (Bucharest) 9, 39-44 (1958).—A comparative study was carried out to det. SO_2 in air by polarography, colorimetry, iodometry, conductometry, and nephelometry. The SO_2 was absorbed in water or in a 5% soln. of alc., sugar, or glycerol, and polarographed in the presence of air, from a soln. contg. 3 ml. 0.1N HCl 5 ml., into which 2 drops of 0.1% methyl red was added. The sensitivity limits for the 5 methods were: 0.8 γ for colorimetry, 2 γ for nephelometry, 10 γ for conductometry and polarography, and 14 γ SO_2 for iodometry. Only the nephelometric and polarographic procedures are specific for SO_2 . 10 references. R. M.

RACOVEANU, N.; CONSTANTINESCU, M.; BOCONCIOS, R.

The LC numerical transducer with discontinuous automatic
priming. Probleme automatiz 143-149 5 II '62.

9.2580

R/005/62/000/002/004/004
D014/D105

AUTHORS: Weisselberg, Al, Engineer, and Racoveanu, N., Instructor,
Engineer

TITLE: A new circuit for a linear-variable voltage generator

PERIODICAL: Telecomunicații, no. 2, 1962, 67-70

TEXT: The article describes a new linear-variable voltage generator and its operational elements, i.e. the linear dipole, the thyatron, and the cathode follower. Figure 8 shows the circuit of the generator. The charging or discharging control of the capacitor is accomplished by "self-excitation". The capacitor is charged by a gas discharge tube, which has an increasing slope of the anodic current of approx. $0.25 \text{ v}/\mu\text{sec}$. The time constant of the circuit is very small. The rough variation of the output voltage frequency is accomplished by the switch c, while the fine variation of the frequency is achieved by the potentiometer P, which may also be used for the control of the amplitude of the output voltage. The potentiometer P_1 is used for the compensation of the amplitude variation of the output voltage and for the fine tuning of the frequency.

Card 1/3

R/005/62/000/002/004/004
D014/D105

A new circuit for ...

The generator has the following performances: recovery time, $T_l = (1.5 \pm 12.0)$ msec; time of the linear variation, $T_l = (0.1 - 2)$ sec; maximum amplitude of the linear-variable voltage,

$$U_{\max} = 280 \text{ v};$$

increasing speed of the linear-variable voltage,

$$\frac{U_{\max}}{T_{l \max}} = 140 \text{ v/sec};$$

non-linearity factor,

$$\beta = \frac{\left(\frac{dU}{dt}\right)_{\text{in}} - \left(\frac{dU}{dt}\right)_{\text{fin}}}{\left(\frac{dU}{dt}\right)_{\text{in}}} \times 100 = 0.5\%.$$

There are 9 figures. The most important English-language reference reads as follows: I. Millman and H. Taub "Pulse and digital circuits" New York, McGraw Hill Book Co., 1956.
Card 2/3

RACOVEANU, N., conf. ing.

LC transducer with noncontinuous building up of oscillations.
Metrologia apl 9 no.5:217-220 S-0 '62.

LIVOVSKI, L.; RACOVANU, N. --

Motion transducer for the walking beam in the deep pumping
wells. Petrol si gaze 13 no.6:265-268 Je '62.

RACOVEANU, N.; LIVOVSKI, L.; DUMITRESCU, I.; PETCU, A.

Automation equipment of a deep pumping well. Probleme automatiz 4:
193-200 '63.

RACOVEANU, N.; WEXLER, D.

Oscillatory system with one degree of liberty discontinuously
self-ignited by impulses. Bul Inst Petrol Rum 9: 199-210 '63.

RACOVEANU, N., conf. ing.

Linearization problem of the positional transducer characteristic
with great frequency deviation. Metrologia apl 10 no.6:245-253
Je '63.

RACOVEANU, N., conf. ing.

Dynamic rating of RC transducers. Metrologia apl 10 no.7:314-
316 JI '63.

RACOVEANU, N., conf. ing.

Transducers of some mechanical quantities with a biparametric
LC measuring element. Automatica electronica 8 no. 2:56-60
Mr-Ap '64.

GHERGA-NEGREA, Adina, dr.; RACOVEANU, N., dr.; DINICA, Gh., dr.

Odontological studies in an area with a higher natural radioactivity background. Stomatologia (Bucur.) 12 no.5:385-395 '65.

1. Lucrarea face parte din cercetarile complexe intreprinse sub conducerea acad. St. M. Milcu in cadrul Comisiei de radiobiologie a Academiei Republicii Socialiste Romania.

L 29638-66 T WE

ACC NR: AP6020130

SOURCE CODE: RU/0011/65/009/005/0212/0217

AUTHOR: Racoveanu, N. (Engineer); Dumitrescu, I. (Engineer); Tertisco, M. (Engineer)

ORG: none

TITLE: Dynamometer with digital exhibition for deep pumping wells

SOURCE: Automatica si electronica, v. 9, no. 5, 1965, 212-217

TOPIC TAGS: petroleum industry equipment, electronic equipment

ABSTRACT: The authors describe an electronic dynagraph with biparametric frequency transducers built at the Oil, Gas, and Geology Institute, and analyze its operation. Orig. art. has: 11 figures. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 11, 09 / SUBM DATE: none / ORIG REF: 007 / OTH REF: 001
SOV REF: 001

Cord 1/1 CC

UDC: 621.317.788.082.742

RUMANIA

HERSCOVICI, H., Lieutenant-Colonel, Medical Corps; FURNICA, Gh., Radiochemist; and RACOVEANU, N., Dr.

"Methods of Detecting Internal Radiocontamination with Radioactive Iodine and Sulfur"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 404-409

Abstract: Study of reliability of detecting added sodiumiodide NaI^{131} and Sulfur-35 added to human urine, or after oral administration. Ion exchange resin uptake is an excellent method for analytical purposes. 3 tables, 3 graphs.

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ROMANIA

ARDELEAN, I., Professor; RACOVEANU, N., MD.; MANESCU, S., MD.;
LUPULESCU, A., MD; DIACONESCU, Mona, Chemist; CHELENTER,
Luigina, MD.

Department of General and Communal Hygiene of the Institute of
Medicine and Pharmacy, Bucharest, and the Section of Communal
Hygiene at the Institute of Hygiene and Labor Protection,
Bucharest (Catedra de Igiene generala si comunala a I.M.F.
Bucuresti si Sectia de igiena comunala din Institutul de igiena
si protectia muncii, Bucuresti) - (for all)

Bucharest, Igiene, No 4, Jul-Aug 63, pp 301-307

"Experimental Research with Regard to the Action of Fluorine
on the Thyroid Gland."

6

EXCERPTA MEDICA Sec.11 Vol.10/11 Oto-Rhino-Laryngo Nov57
RACOVEANU V.

2107. RACOVEANU V. and ANGHELIDE R. Contribuții la studiul etiologiei și evoluției fibromului nazo-faringian. Aetiology and evolution of nasopharyngeal fibroma OTO-RINO-LARING. (București) (3-9) Illus. 2

It is considered that this affection is most frequently observed in Rumania in patients living in rural districts. This fact is explained by the frequency of rhinopharyngeal inflammations maintained by chronic tonsillitis. In the course of the past few years one has likewise observed a reduction in the number of cases of nasopharyngeal fibroma, due to the systematic anti-adenoid campaign and to the raising of the level of sanitary education of the population. It was found that in the majority of cases the tumour develops in childhood, which is explainable by the precocity of the psycho-intellectual and neuro-endocrine development of the children of the contemporary generation. Nasopharyngeal fibroma develops nearly exclusively in the male sex. However, 1 case of an 11-year-old girl is reported. The classical assertion that the tumour may take root in the sphenomaxillary region is denied. It is stated that the tumour is always rooted in the pterygo-ethmoid region. Contrary to the classical assertions, it is also stated that relapses are fairly frequent and are inversely proportional to the age of the patients. As to the classical theory that the tumour regresses spontaneously towards the age of

2107

30, it is declared that this is contestable and that waiting may be fatal to the patient.

(XI, 5, 16)

EXCERPTA MEDICA Sec 11 Vol 12/4 O.R.L. Apr 59
Kromsigt - Emmen (XV, 6, 11)

753. CONSIDERATIONS OF CERTAIN HAEMOPTYSES OBSERVED AFTER
PULMONARY RESECTIONS - Considérations sur certaines hémoptysies
observées après exérèses pulmonaires - Racoveanu V. Clin. Oto-Rhino-
Laryngol., Inst. pour le Perfectionnement des Méd., Hôp. Filantropia,
Bucarest - BRONCHES 1958, 8/3 (298-304) Illus. 2

These haemoptyses sometimes started spontaneously, sometimes after severe
coughing which often began with a change in attitude and sometimes ended in a sort
of cold or asthma-like attack. In all cases the quantities of blood were small.
Probably, the nervous irritation brought about by the sutures causes part of these
phenomena. Bronchoscopy often failed to indicate the cause, but the clinical develop-
ment revealed it: after one or more sutures were coughed up, the symptoms
disappeared. Kromsigt - Emmen (XV, 9, 11)

RACOVEANU, V.; NEUMAN, H.; ANGHELIDE, R.; TANASEANU, M.

On the value of neurological signs in the diagnosis of tumours of the middle ear. *Rumanian M. Rev.* 3 no.1:72-74 Jan-Mar 59.

(EAR, MIDDLE, neoplasms

diag. value of neurol. signs)

(NERVOUS SYSTEM, in various dis.

cancer of middle ear, diag. value of neurol. signs)

MACOVINU, V. prof.; IAKENU, M., dr.; HADU, E., dr.; POI, V., dr.
FINTELESCU, R., dr.; ANGHELIDE, A., dr.; NICOL, Florian, dr.

Considerations on the principal methods of preventing deafness
in children. Otorinolaringologie (Bucur) 10 no.1:73-80
Ju-Pr'65.

PACOVICENSU, I.

About some problems of statistical reporting. p. 2. CONSTRUCTORUL.

(Ministerul Constructiilor si Industriei Materialelor de Constructii si Uniunea
Sindicatelor de Salariatii din Intreprinderile de Constructii) Bucuresti.

Vol. 7, no. 302, Oct. 1955.

So. East European Accessions List Vol. 5, No. 9 September, 1956

COUNTRY : ROMANIA
 SUBJECT : Cultivated Plants - Industrial, Oleiferous, Sugar. M

1. Title: Disinfection of Tobacco Seeds by Heating

2. Author: A. A. Smirnov

3. Source: Disinfection of Tobacco Seeds by Heating

4. Date: 1957, 1, 174-184

5. Summary: Heating seeds in special revolving trays for 1 hour at 100°C in addition to destroying the carriers of bacterial and fungus diseases, secured an increase in the yielding ability of tobacco leaves by 10% and improves the quality of the crop (a 50% increase in the yield of the first grade). Seeds can tolerate heating up to 140°C for 2 hours without lowering their sowing attributes. The method was tested on an area of 400 ha and is recommended for practical utilization. -- A. A. Smirnov

6. Page: 1/1

RACOVITA, A

Researches on the aerothermal disinfection of the plomerules (seeds) of the sugar beet. p. 13.

REVISTA INDUSTRIEI ALIMENTARE. PRODUSE VEGETALE. (Ministerul Industriei Bunurilor de Consum si Sindicatul Muncitorilor din Industria Bunurilor de Consum) Bucuresti, Rumania. No. 10, 1958.

Monthly list of East European Accessions (EEAI) ^{vol 8} LC, no. 8, Aug. 1959.

Uncl.

RACOVITA, Andrei

Mechanism of resistance of the very resistant plants to the attacks of the ramosa broomrape (*Orobanche ramosa* L.). Comunicarile AR 11 no.11:1393-1398 N '61.

1. Institutul de cercetari alimentare, Laboratorul de fitopatologie, Bucuresti-Baneasa. Comunicare prezentata de Eug. Radulescu, membru corespondent al Academiei R.P.R.

RACOVITA, Andrei

A new contribution to the knowledge of the plant hosts and plant
stimulators to the ramose broomrape (*Orobanche ramosa* L.).
Comunicarile AR 12 no.7:831-834 JI '62.

1. Institutul de cercetari alimentare, Laboratorul de fitopatologie,
Bucuresti-Baneasa. Comunicare prezentata de Eug. Radulescu, membru
corespondent al Academiei R.P.R.

RACOVITA, Al., ing.; LOZAN, Ad., ing.

Developer in drops. St si Teh Buc 14 no.12: 43 D'62.

RACOVITA, C.

Stabilization of the neutral through com on reaction in parallel, equilibrated circuits.

F. 125 (Academia Republicii Populare Romine. Institutul de Energetica. Studii Si
Cenetari de Energetica. Vol. 7, no. 1, 1957, Bucuresti, Rumania)

Monthly Index of EastEuropean Accessions (FEAI) LC. Vol. 7, no. 2,
February 1958

RACOVITA, C.

Behavior of variable inductances with direct-current voltage. p. 727.
COMMUNICABLE. Bucuresti. Vol. 5, No. 4, April 1955.

SOURCE: East European Accessions List (EAL), LC, Vol. 5, No. 2, Feb. 1956.

L 45253-66 T JK

ACC NR: AP6033590

SOURCE CODE: RU/0023/65/010/004/0349/0354

AUTHOR: Zilisteanu, Eugenia--Zilishtyanu, Ye. (Doctor); Cretescu, Lilia--
Kretsesku, L. (Doctor); Nafta, I. (Doctor); Niculescu, I.--Nikulesku, I. (Doctor);
Racovita, C.--Rakovitsa, K. (Doctor)

ORG: "Dr. I. Cantacuzino" Institute (Institutul "Dr. I. Cantacuzino")

TITLE: Incidence of antibodies against parainfluenza viruses in Rumania

SOURCE: Microbiologia, parazitologia si epidemiologia, v. 10, no. 4, 1965, 349-354

TOPIC TAGS: antibody, virus disease, blood serum, man, blood chemistry

ABSTRACT: In a study of parainfluenza hemagglutination inhibition antibodies carried out on 500 human serum samples, the authors found that the most widespread type determining the highest antibody level in the population is the type 3. Next are type 1 (Copenhagen and Sendai), and less frequent is type 2 (CA). Ecaterina Ghenescu performed technical work. The authors thank Doctor N. Gaicu and Eugenia Lungu for preparing the tissue cultures. Orig. art. has: 2 figures and 2 tables. [Based on authors' Eng. abst.] [JPRS: 32,913]

SUB CODE: 06 / SUBM DATE: 02Mar65 / ORIG REF: 001 / OTH REF: 013

Card 1/1

UDC: 576.858 Grippe 097.34

0920

1638

ZILISTEANU, Eugenia, dr.; CRETESCU, Ligia, dr.; NAFTA, I., dr.; NICULESCU, I., dr.;
RACOVITA, C., dr.; Colaborator tehnic: GHENESCU, Ecaterina

Frequency of antibodies against parainfluenzal viruses in the
Rumanian People's Republic. Microbiologia (Bucur.) 10 no.4:
349-354 J1-Ag '65.

1. Lucrare efectuata in Institutul "Dr. I. Cantacuzino".

1. The first of the two main points of the report is that

the first aspect of the report is that the first point of the report is that

1. Increase effectiveness in institutional arrangements for international
cooperation in the field of disarmament and non-proliferation. (Section 1.1)
of the report is that the first point of the report is that

RACOVITA, Cehan M.

Electronic device using radioactive isotopes for the driving control
of veneer shears. Probleme automatiz 4:201-203 '63.

BILBIE, V., conf.; RACOVITA, Cl., dr.; THOMAS, Emilia; LEONDARI, V., dr.;
DUMITRESCU, Gabriela, dr.;

Possibilities, difficulties, and prospects in the microbiologic
diagnosis of urogenital tuberculosis. Microbiologia (Bucur)
6 no. 1:33-45 Ja-F '62.

*

BOGDANESCU, Viorica, dr.; RACOVITA, C., dr.; THOMAS, Emilia, biolog;
RACOTA, R., biolog

Value of some routes of inoculation of guinea pigs and mice in
the bacteriological diagnosis of tuberculosis. Microbiologia
(Bucur) 9 no.2:151-160 Mr-Apr '64.

1. Lucrare efectuata in Clinica de urologie Panduri (director:
acad. Th. Burghiele) si Institutul de ftiziologie (director: dr.
Al. Billa).

NESTORESCO, N.; POPOVICI, Marcella; FLORESCO, D.; BADULESCO, Elisabeta;
RACOVITA, D.C.; THOMAS, Emilia

Antibiotic sensitivity of germs of the Proteus group isolated from
humans and its relation to their antigenic structure. Arch. Roum.
path. exp. microbiol. 20 no.3:376-379 S '61.

1. Institut "Dr. I.Cantacuzino" Service des Enterobacteriacees
(for Nestoresco, Popovici, Floresco, Badulesco. 2. Clinique Chirurgicale
I Hopital Panduri.(for Racovita, Thomas).
(PROTEUS pharmacology) (ANTIBIOTICS pharmacology)

RACOVITA, .

RACOVITA, . Perfecting the method of designing an X-shaped equalizer. p. 201.

Vol. 5, No. 1/2, Jan./June 1955.
STUDI SI CERCETARI IN ELECTRONICA
Bucuresti, Romania

So: East European Accession, Vol. 5, No. 5, May 1956

RACOVITA, R. MORARU, I.

Construction method and use of cupola furances with three-row tuyeres in the foundry of the Unirea works in Cuj. p. 80.
(Metalurgia Si Constructia De Masini, Vol. 9, No. 1, Jan. 1957. Bucuresti, Rumania)

SO: Monthly List of East European accessions (EEAL) Lc. Vol. 9, No. 8, Aug 1957. Uncl.

RACOVSKY, V.

Graphic method of control of draft systems in furnaces. p. 142.
SKLAR A KERMANIK. (ministerstvo lehkeho prumyslu) Praha. Vol. 6,
No. 6, June 1956.

SOURCE: East European Accessions List, (EEAL), Library of Congress,
Vol. 5, no. 12, December 1956.

RACS, G.
SURNAME, Given Names

Country: Rumania

Academic Degrees:

Affiliation: *)

Source: Bucharest, Farmacia, Vol IX, No 8, Aug 1961, pp 505-511.

Data: "Contributions to the Knowledge of Abbutin Content in the Indigenous
Polium vitis idaeae."

RACS, G., -Pharmacist.-

FUZI, I., -Pharmacist.-

KISGYORGY, Z., -Pharmacist.-

ILIES, G., -Pharmacist.-

*) Work performed at the Botanical Laboratory of the Faculty of
Pharmacy (Laboratorul de Botanica al Facultatii de Farmacie),
Tg. Mures.

070 901643

Q-2

RUMANIA/Farm Animals. Swine.

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101203

Author : Popovici, S., Fazecas, V., Racutianu, M.

Inst : Timisoara Institute of Agronomy

Title : The Effect of the Suckling Period Duration Upon
Growth and Development of Piglets Selected for
Fattening.

Orig Pub: Annarul lucrar. stiint. Inst. agron. Timisoara,
Bucuresti, 1957, 239-248

Abstract: In order to establish the effectiveness of wean-
ing 10-week-old (test) and 6-8 weeks old (con-
trols) piglets, comparative studies were
conducted in 1954-1955 on 122 White breed meat
piglets (60 control and 62 test piglets). In
test piglets, fattening proved to be more

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RUMANIA/Farm Animals. Swine.

Q-2

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101203

profitable. Although sows lost 1-10 kg of weight, their reproduction cycle proceeded normally with a yearly production of 2 litters. During a 14-day period, additional fodder expenditures of 0.4 kg of concentrated feeds per each suckling piglet were balanced within 1 month by increased daily weight gains (these additional weight gains amounted to 55 g daily). -- V.A. Kanzyuba

Card 2/2

MURESANU, P.L.; CZEISLER, Ghizela; VILCEANU, Nicoleta; RACUTIANU, Gh.;
PETRESCU, G.

Contributions to the knowledge of humus dynamics, the nature and
characteristics of its components, in different kinds of soil in the
western part of Rumania. Studii agr Timisoara 9 no.3/4:369-386 J1-D
'62.

MURESANU, P.L.; CZEISLER, Ghizela; VILCEANU, Nicoleta; RACUTIANU, Gh.;
PETRESCU, C.

Contributions to the knowledge of humus dynamics, nature, and
characteristics of its components, in different types of soil
in the western part of Rumania. Studia Univ B-B S Chem 8 no.1:
507-508 '63

1. Institute of Agriculture, Timisoara.

RACZ, Albert, dr.; UJLAKI, Laszlone

Input-output analysis of the formation of the cost level and
productivity in the national economy.II. Stat szemle 40
no.6:643-658 Je '62.

1. Kozponti Statisztikai Kivatal foeladoja.

RACZ, Albert, dr.

Reviewing Professor W.V. Leontev's lecture on the input-output method. Stat szemle 42 no.5:531-536 My '64.

1. Division Chief, Central Statistical Office, Budapest.

RACZ, Albert, dr.

The 1961 input-output balance. Stat szemle 42 no. 6:571-591
Je '64.

1. Division Chief, Central Statistical Office, Budapest.

HACZ, Albert, dr.; ROMAN, Zoltan, dr., kandidatus

Comparability of input-output tables. Stat szemle 42 no.11:
1149-1155 N '64.

1. Division Chief, Central Statistical Office, Budapest.
2. Editorial Board Member, "Statisztikai Szemle" (for
Roman.

RACZ, Andras, autoszerelo (Bekescsaba, Arpad sor 76); ZAUPPAN, Istvan
(Budapest)

Motorists' letters. Auto motor 14 no.6:5 Mr '61.

KIRSCHNER, Bela; RA~~Q~~, Bela

The first four months of the Csepel Iron Works. Elet tud
16 no.14:419-423 2 Ap '61.

RACZ, Dnaiel, okl.olajmernok

Disturbing factors effecting the yield of production wells and
the absorption capacity of injection wells. Bany lap 94 no.9:
655-647 S '61.

1.Orszagos Koolaj es Gazipari Troszt, Tudomanyos Laboratoriumi
Foosztalv, Budapest.

PATSCH, Ferenc, okleveles banyamernok, fomernok, Kossuth-dijas;
MOINAR, Jeno, okleveles vagyeszmernok; RACZ, Daniel, okleveles
olajmernok

Criticism of drilling fluids used in Hungary from the point
of view of drilling technique and production. Bany lap 96
no.10:710-716 0'63

1. Orszagos Koolaj - es Gazipari Troszt Dumantuli Koolajfurasi
Uzem, Nagykanizsa (for Patsch). 2. Orszagos Koolaj - es Gazi-
pari Troszt osztalyvezetoje, Nagykanizsa (for Racz).

TOROK, Janos, okleveles vegyész; RACZ, Daniel, okleveles olajmernok;
KOVACS, Pal, okleveles fizikus

Application of the M.B. Standing PVT correlation diagrams
to the oils of Lovaszi. Bany lap 97 no.12:841-846 D '64.

1. National Petroleum and Gas Industry Trust, Budapest.

TOROK, Janos, okleveles vegyész; RACZ, Daniel, okleveles olajmernok; KASSAI, Lajos, okleveles banyamernok

Principles of sampling from hydrocarbon deposits. Bany lap 98 no.2: 125-129 F '65.

1. Department of Research and Development of the National Petroleum and Gas Industry Trust, Budapest.

RACZ, Daniel, dr.

Pneumococcal peritonitis in children. Orv. hetil. 103 no.1:16-18
7 Ja '62.

1. Fovarosi Tanacs Heim Pal Gyermekkorhaza, Sebészeti Osztaly.

(PERITONITIS in inf & child)

(PNEUMOCOCCAL INFECTIONS in inf & child)

RACZ, Daniel, dr.

Abdominal symptoms simulating acute appendicitis in childhood. Orv.
hetil 103 no.10:460-463 Mr '62.

1. Fovarosí Tanács, Heim Pál Gyermekkorház, Sebészeti osztály.

(APPENDICITIS diag) (ABDOMEN ACUTE diag)

PACZ, E.

On the guanethidine therapy of hypertension. Orv. hetil. 104 no.1:
40 6 Ja '63.

(HYPERTENSION)

(GUANETHIDINE)

FOUCH, Arwan, 1911, Egon, 1911.

Neurogenic symptoms of the brain. (rv. 1911. 1915 no. 1.
1091-1094. 1911. 1914.

1. Orszagos Rheuma es Spondylit. Inter. et, Rheumatism
Laboratorium es III. Budapest.

HUNGARY

PAOL, J. (Dr; National Institute of Rheumatology and Balneology (Orszagos Rheuma és Furdouryi Intezet).

"Experience with a New Antihypertensive Drug Combination."

Budapest, Orvosi Hetilap, Vol 107, No 41, 9 Oct 66, pages 1940-1942.

Abstract: [Author's Hungarian summary modified] Results of a study of 47 selected cases of hypertension led to the conclusion that Navidrex, as a saldiuretic component, will effectively supplement the sympathetic inhibitor effect of Ismelin and, with few exceptions, it will considerably decrease resistance hypertension in patients who do not respond to other anti-hypertensive drugs. The number and degree of side effects is negligible, the compound was well tolerated by all of the patients. An additional advantage of the compound is the fact that the low salt diet, considered very unpleasant by most of the patients, need not be prescribed. 4 Hungarian, 1 Western references.

1/1

- 52 -

RACZ, Elemer

Aerodynamic blade vibrations of axial compressors. Jarmu mezo gep
4 no.5:238-246 N. 157.

GEDEON, Jozsef; RACZ, Elemer, egyetemi tanar

Longitudinal static stability measurements on gliders.

Jarmu mezo gep 7 no.9:349-360 '60.

1. Budapesti Muszaki Egyetem Repulogepek Tanszeka.

RACZ, Elemer, egyetemi tanár

To the memory of Donat Banki. Magy tud 67 no.3:153-162 Mr '60.
(EEAI 9:9)

(Banki, Donat) (Mechanical engineering)

RACZ, Elemer, a muszaki tudományok kandidátusa

Calculation of circulation velocity in vertical heated tubes.
Műszaki közl MTA 31 no.1/4:397-404 '62.

1. Budapesti Műszaki Egyetem Repülőgépek Tanszéke.

RACZ, Elemer, dr., egyetemi tanar

Reform curriculum of the Faculty of Mechanical Engineering of the
Budapest University of Technical Sciences. Jarmu mozo gep 10
no.2:77-79 F '63.

1. Budapesti Muszaki Egyetem Gepeszernoki Karanak dekanja.

RACZ, Elemer, dr., egyetemi tanar

The reform curriculum of the Faculty of Mechanical Engineering,
Budapest University of Technical Sciences. Gep 15 no.3: 120-
122 Mr '63.

1. Budapesti Muszaki Egyetem Gepaszternoki Karanak dekanja.

HAZ, Előzetes, dr., egyetemi tanár

Technique of aircraft structures. Jarman mezo gep 11 no.8:281-295
Ag '64.

As 164.

in the case of potentiation or the elevation of the blood sugar level
in the case of hypoglycemia. (Rev. 1971. No. 48:2266-2268
1971).

1. János Veresi Tamás Kórház, Balassztyai (forwards: Tiszai, Aladar.
d.).

RACZ; GY.

3. Determination of the solubility of gases and gas mixtures. (In German) G. Schay, Gy. Székely, Gy. Rácz, G. Traply. *Periodica Polytechnica, Chemical Engineering*, Vol. 2, 1958, No. 1, pp. 1-24, 20 figs., 4 tabs.

Methods of measuring the chromatographic adsorption or mixed adsorption, described in previous papers,⁹ were applied for determining the solubility of gases in liquids. The liquid was taken up by an inert carrier. The wet carrier was filled into a chromatographic column and the gas or gas mixture was chromatographed through the latter. The absorbed quantity was determined from the material balance. The latter takes into consideration the quantity and composition of the gases entering and leaving the column. The basic equation is $w = v(1-x) + xsc$ where w and v are the space velocities of the entering and exit gases, c is the linear traveling velocity of the front, s the void corresponding to unit length of the column, x the mole fraction of the soluble gas in its mixture with an inert gas. Chromatographic indication took place with a continuous soap film velocity detector. When measuring mixed adsorption the determination of the composition of the equilibrium gaseous phase is unnecessary, total pressure is constant (1 atm) and the equilibrium composition of the gases can be predicted. Equilibrium data are obtained only with low-viscosity solvents. An apparatus for measuring individual adsorption below and above room temperature is described.

RE
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J-9

COUNTRY : HUNGARY B
 CATEGORY : Physical Chemistry. Surface Phenomena. Adsorption. Chromatography. Ion Exchange
 ABS. JOUR. : RZKhim., No. 1 1960, No. 634
 AUTHOR : Szekely, G.; Kormany, T.; Racz, G.; Traply, G.
 INST. : -
 TITLE : Studies in Gas Chromatography
 ORIG. PUB. : Period. polytechn. Chem. Engng, 1958, 2, No 4, 269-274
 ABSTRACT : A dynamic method of measurement of the solubility (m) of gases in liquids is described. For this purpose, a gas is passed through a chromatographical column filled with a carrier through which a solvent has been passed previously. The results of the measurement of m coincide with the data of static measurements for solvents with low viscosity and small surface tension; with high viscosity, sharply

CARD:

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B-55

COUNTRY :
ORIG. COPY :

B

ARC. JOUR. : RZKhim., No. 1 1960, No. 634

AUTHOR :
INTT. :
TITLE :

ORIG. PUB. :

ABSTRACT : corresponding to static measurements only in
cont'd the last part of the isotherm ($p/p_0 = 0.7-0.9$).
The results obtained are explained by the fact
that the solvent forms polymolecular islets, on
the surface of the carrier, whose thickness and
area increase with the growth of pressure.-- B.
Anvayer

REDS: 3/3

B-56

RAEZ - G.

1967-8 : Arbutin; Notulae, I; Kislovodsk, I; Pest, I.
1968 :
1969 : Change in Arbutin Content in the Species
Arctostaphylos uva ursi (L.Spr.) in the Period
of Development and Depending on Environment Factors
1970 : Trav., 1956, 2, No.1, 40-43
1971 : Trav.

1. *Introduction*

211

RACZ. G.

RUMANIA/Cultivated Plants - Medicinal. Essential Oil-Bearing.
Toxins. M

Abs Jo r : Ref Zhur Biol., No 18, 1958, 82566

Author : Coicla, Eud., Stefanescu, A., Racz. G., Csedo, S.

Inst : Communist Academy RPR

Title : On the Problem of Efficient Utilization of Belladonna
(Atropa belladonna L.) Cultivation.

Orig Pub : Comm. Acad. RPR, 1957, 7, No 2, 227-231

Abstract : Studies conducted during two years determined that all
organs of A. belladonna with the exception of the stems
contain in the phase of fruit formation 0.23-92% of ge-
neral alkaloids which permits utilization of the entire
plant for industrial purposes. Gathering the leaves and
other parts of the young plant and later the roots, per-
mits an increase in the amount of raw material by 2-3

Card 1/2

RACZ, Gyorgy

The 25 years' development of the Hungarian Institute for Testing Electric Equipment and its role in the improvement of quality of electric products. Villamossag 8 no. 5/6:158-165 My-Je '60.

1. Magyar Elektrotechnikai Ellenorzo Intezet fomernoke.

RACZ, G

FESZT, Gheorghe, Dr; RACZ-KOTILLA, Elisabeta, Pharmacist; BERCZI, I, Dr;
RACZ, G., Pharmacist

Rumania

Research paper was based on work at the Laboratory of Pharmacology
and Pharmacognosy of the Faculty of Pharmacology of Targul Mures
(Laboratoriu de Farmacologie si Farmacognozie al Institutului de
Medicina si Farmacie din Tg. Mures) (For all)

Bucharest, Farmacia, No 11, Nov 62, pp 651-655

"The Diuretic Action of Extracts of Hibiscus Trionum L."

4

ROMANIA

PIER, Maria, H., Pharmacist; RAOZ, G., Pharmacist; PIER, H., MD.

Sections of Pharmacognosy, Microbiology, Intramicrobiology,
Institute of Medicine and Pharmacy, Virgu Mures. (Catedrele
de farmacognosie, microbiologie, intramicrobiologie, I.M.F.-
Tg. Mures) - (for all)

Bucharest, Farmacia, No 4, Apr 63, pp 229-234.

"The Antibiotic Action of Echinum Vulgare L. Extracts."

(3)

RUMANIA

RACZ-KOTILLA, Elisabeta, Pharmacist; RACZ, G., Pharmacist.

School of Pharmacognosy of the Institute of Medicine and
Pharmacy, Tirgu Mures (Catedra de farmacognozie a
Institututului de medicina si farmacie, Tirgu Mures). (for all)

Budharest, Farmacia, No 9, Sep 63, pp 539-544

"Factors which influence the Quality of the Herba Millefolii
~~Profx~~ Product."

RACZ, Hedvig, dr.

Chylous pleural effusions. Orv. hetil. 102 no.39:1855-1856 24 S '61.

1. Országos Reuma és Furdougyi Intezet III belgyógyászati osztály.

(CHYLOTHORAX case reports)

RACZ; HORVATH

The Brno International Fair, 1960. Koh lap 93 no.12: Suppl: Ontode
11 no.12, 283 D '60.

MADAR, Janos, dr.; LAKATOS, Maria, dr.; SZEPE, Lajos, dr. (Egyek);
SZEKELYFOLDI, Jozsef, dr.; RACZ, Irma, dr.

Experience with the introduction of intensive measures against
dysentery. Nepegeszsegugy 43 no.5:142-145 My '62.

1. Közlemeny a Hajda-Bihar megyei Közegeszsegugyi-Jarranyugyi
Allomasrol (igazgato: Madar Janos dr).
(DYSENTERY BACILLARY prev & control)

LAKATOS, Maria, dr.; RACZ, Irma, dr.

The distribution of Shigella types and Sh. flexneri serotypes
in Hajdu-Bihar county. Nepegeszsegugy 44 no.7:208-212 JI '63.

1. Kozlemeny a Hajda-Bihar megyei Kozegeszsegugyi-Jarvanyugyi
Allomasrol (igazgato: Madar Janos dr.).
(SHIGELLA) (SHIGELLA SONNEI) (STATISTICS)

MADAR, Janos, dr.; LAKATOS, Maria, dr.; RACZ, Irma, dr.;
SZEKELYFOLDI, Jozsef, dr.

Study on stepping-up the effectiveness of the control of
abdominal typhus in Hajdu-Bihar County. Nepegeszsegugy 44
no.9:268-271 S '63.

1. Kozlemený a Hajdu-Bihar megyei Kozegeszssegugyi-Jarvanyugyi
Allomasrol (igazgato: Madar Janos dr.).
(TYPHOID) (MASS SCREENING TECHNIQS)
(EPIDEMIOLOGY) (COMMUNICABLE DISEASE CONTROL)

Hungarian Technical Abst.
Vol. 5 No. 4 1953

28. Effect of quick slip changes on the torque of asynchronous motors — A slip gyors változásának hatása az aszinkron motorok nyomatékára — I. Rácz (Electrical Engineering — Elektrotechnika — Vol. 45, 1952, No. 10, pp. 311–320, 11 figs)

The torque of accelerating asynchronous motors differs from the value that would present itself at an unchanging rpm. The deviation increases with growing angular acceleration ϵ and with decreasing pull-out slip s_0 , thus depending upon the ratio ϵ/s_0^2 . Disregarding the ohmic resistance of the stator, the temporal process of fluxes and torque can be plotted simply for motion of the rotor. In case of constant acceleration, torque can be computed by applying the Fresnel function. At low amplitude oscillations the flux and current vectors, containing the complex number j , vary with circular frequency Ω . The variations can be determined simply by introducing the complex numbers $(i\Omega)$ for the second time. Thus the attenuation and synchronizing torques and the kinetic impedance are easily computable in the function of Ω .

I. Rácz

"The following information was obtained from a review of the records of the Central Intelligence Agency, Department of Defense, and the Department of State, and is being furnished to you for your information. It is not to be used for any other purpose than the one for which it was obtained." . . .

Re: Monthly List of Lost European Aircraft, L.C., Vol. 2, No. 11, Nov. 1944, Encl.

Racz, I.

621.313.3

531. Mechanical analogue for the illustration of transient phenomena in a.c. machines. I. Racz. *Elektrotehnika*, 47, No. 10, 307-12 (Oct. 1964). Hungarian.

A model is described in which electrical parameters are represented by mechanical parameters. The basic transformation between the mechanical and electrical system is discussed and examples are worked out.

L. CSUKOS

RACZ, J.

72. Rába river channel regulation by cutoffs. J. Rácz.
Vízügyi Közlemények. 1956. No. 1. pp. 36-71, 26 figs.

Planned and uniform regulation of the Rába river was completed between 1886 and 1893. Within the scope of mean-flow control the Sárovr-Győr reach was reduced to about 2/3 of the original length by 77 cutoffs. Survey in 1953 proved that the length of the above mentioned reach had increased by 4% in spite of several cutoffs during the past 60 years. The paper summarizes the experiences gathered during the execution of the three most important cutoffs in later years. It is sufficient to dig a master ditch in 1/4 to 1/6 of the planned width at a 10 to 20 cm/km slope in the coarse gravel sediment; at the height of the planned water surface elevation this width may be reduced at the bottom to 2 to 3 m. The dike in the old channel is most economically built of rough stone (riprap) dumped from a trestle.

3

83. Transient phenomena of double-cage motors, I. (in German) I. R. A. G. *Periodica Polytechnica, Electrical Engineering*, Vol. 4, 1957, No. 3, pp. 215-232, 10 figs., 1 tab.

The electromagnetic transient phenomena of the stationary double-cage motor is dealt with. The equivalent circuit of the motor may be simplified exactly as for investigating the steady state phenomena. The

free components of the switching-on current can be calculated by means of the operator impedance of the stationary motor. In addition to the alternating current three different direct-current components arise damping with different time constants, simple approximative formulae are given for their initial values and time constants. The quickest damping component does not exert any influence since it dies off during $1/4$ cycle; the following component takes part in forming the surge current; the third one — damping slowest, though very small — is of decisive importance in the forming of the

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torque. When switching on, a torque pulsating at line frequency caused by the direct and alternating currents also arises, its initial amplitude is approximately $M_{pmax} \sim \frac{S_k}{\omega_s} \frac{R_r}{R_s + R_r}$ where S_k is the apparent volt-ampere input calculated with the steady state short-circuit current, ω_s the synchronous angular velocity, R_s the stator resistance, R_r the resultant ohmic resistance of the internal and external cage connected in parallel. A numerical example is given to demonstrate the orders of magnitude (660 kw motor). The transient phenomena of the motor at full speed will be dealt with in a subsequent paper.

RACZ I.

Elect. Eng

ELECTROTECHNICA
Vol. 50, Nr 1-2, 1957

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KOVACS, K. P.; RACZ, I.

27

Torque of a Synchronous Motor at Half Speed when Started as an Asynchronous One

When starting a synchronous motor as an asynchronous one, while speeding up in the vicinity of half synchronous speed irregularities of the torque may be observed. This consists compared to the torque of a normal asynchronous motor in a higher value of the torque below half speed and in a lower one above half speed. The simple graphical method described in the paper enables the determination of the lowest torque to be expected in the vicinity of half speed while starting.

er
January 14, 1958

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Racz, I

Distr: 4E2d

82. The transient phenomena of double squirrel-cage motors, 29
H.* (In German) I. Racz. *Periodica Polytechnica, Electrical
Engineering*, Vol. 2, 1958, No. 2, pp. 91-100, 22 figs., 3
tabs.

This paper discusses the transient phenomena of the double squirrel-cage motors running at working speed assumed to be constant. A vectorial form of the voltage equation is used for the motor. The time constants of the impedances expressed by operators are illustrated by equivalent circuits. The time constants of the free currents occurring at starting the motor circuit may be calculated by simple approximate formulas, the magnitudes of the currents may be ascertained either by vector diagrams or from equations. Knowing the phenomena occurring when the motor circuit is made, the short-circuit and change-over currents may be obtained on the principle of superposition. To illustrate the orders of magnitude a numerical example is given.

JW
1/1

RACZ, Istvan, dr., a muszaki tudományok kandidátusa

Investigation of symmetrical control systems. Pt.2. Elektrotechnika
55 no.10:437-440 0 '62.

1. Budapesti Műszaki Egyetem Villamosgépek Tanszéke.

RACZ, Istvan, prof. (Budapest, XI., Egry Jozsef u.13-20)

Oscillographic recording and harmonic analysis of triple-phased vectors. Periodica polytechn electr 8 no.4:325-363 '64.

1. Technische Universitat, Lehrstuhl fur Elektrische Maschinen, Budapest. Submitted June 1, 1964.

RACZ, Istvan, dr., okleveles gépészmérnök, a muszaki tudományok kandidátusa,
egyetemi tanár

Oscillographic and harmonic analysis of three-phase vectors.
Elektrotechnika 58 no.2/3:80-97 F-Mr '65.

1. Chair of Electric Machines of Budapest Technical University,
Budapest, XI., Egry J.u.18.

COUNTRY : Hungary R-17
 CATEGORY :
 RES. JOUR. : REXhis., No. 21 1959, No. 75818
 : ~~Acta. I~~
 : ~~Acta. I~~
 : The Determination of Antipyrine in Mixtures with
 Caffeine Citrate by Paper Chromatography
 ORIG. PUB. : Acta Pharmac Hung, 28, No 1-2, 24-26 (1958)
 ABSTRACT : The system n-butanol-glacial CH₃COOH-water (4 : 1
 : 5) is used in the separation of the components.
 The utilization of Chlorophenol Red as indicator
 permits the determination of citric acid in con-
 centrations of 1 gamma.

F. Raytses

CARD: 1/1

RACZ, Istvan; VARSANYI, Denes

Spectrophotometric microdetermination of papaverine decomposition products. Magyar kémiai folyóirat 68 no.3:115-120 Mr '62.

1. Budapesti Orvostudományi Egyetem Gyógyszerészeti Intézete
és Országos Bor- és Nemikortani Intézet

FAOZ, I. 1949

(A Budapesti Tudományegyetem Eor-os Nemikortani Kinikajanak Kozlemenye)

"Distribution of Wasserman Reagin Between the Protei n Fractions of the Blood Serum."

Orvosi Hetilap, Budapest, 1948, 89(525-528)

Abst: Exc. Med. IV, Vol. 11, No. 4, p. 422

RACZ I., VERES D., BOLANDI I.

Szövetleges tanulmányozása megcsinált Thunberg-féle eljárással.
[Modification of Thunberg's technic for the study of tissue
respiration] Borogy. vener. sz. 4:6 Juna 50 p. 180-5

1. Skin and Venereal Diseases Clinic (Director -- Dr. Ferenc Foldvari),
Peter Pazmany University, Budapest.

GLNL 19, 5, Nov. 50

SOMOS E., RACZ I., VALDOR E.

Syphilis seroreakciók aspecifitásának vizsgálatára szolgáló eljárások;
verifikációs próbák. /Methods for examination of aspecificity in
syphilitic serodiagnostic tests (verification tests)/
Borogyó.
Borogyó. 4:6 June 50 p. 263-7.

1. Skin and Venereal Diseases Clinic (Director -- Dr. Ferenc Foldvart),
Budapest University

CLL 19, 7, Nov. 50

SOMOS E. and RACZ I. A budapesti Pazmany Peter Tudományegyetem Cor-es Nemikortani klinikájának kizleménye. Azonkoterol (Vizsgálatok emberi versavoval quantitativ szempontbol) Auto-haemolysis Orvosi Hetilap, Budapest 1950, 91/9 (264-267) Tables 3

The origin of an autohaemolysis of long duration (called by the authos biological autohaemolysis') is always syphilitic. Transitory autohaemolysis may occur in non-syphilitics. The titre of autohaemolysis is always low, that of the reacting agent (reagin) may be high. The substance which participates in the autohaemolysis is contained in the globulin fraction. Artificial autohaemolysis can only be produced in sera of persons inclined to such changes.

Went - Debrecen

SO: Medical Microbiology & Hygiene Section IV, vol. 3, No. 7-12

SOMOS, E.; RACZ, I.; NAGY, G.

~~Effect of large doses of vitamins B₁ and N upon the excretion of penicillin.~~ Orv.hetil. 91 no.35:1054-1057 27 Aug 50. (CML 20:5)

1. Of the Skin and Venereal Diseases Clinic (Director--Professor Dr. Ferenc Foldvari), Budapest University.

RACZ, I.

Data on the symptoms of Mibelli's porokeratosis. *Borogygy* vener.
szemie 5 no.6:182-183 Dec 51. (CML 21:4)

1. Doctor.

SOMOS, E.; KALDOR I.; RACZ, I.

Tests for verification of specificity of positive
seroreactions. Orv. hetil., Budap. 92 no.28:899-908
15 July 1951. (CML 20:11)

1. Doctors. 2. Skin and Venereal Diseases Clinic, (Director
Prof. Dr. Ferenc Foldvari), Budapest Medical University.